

## Waterford Unified School District

219 Reinway Avenue, Bldg 2  
P.O. Box 270  
Waterford, CA 95386  
(209) 874-1809

### **Bid #01/22** **"School Bus(es)"**

Date: 11/3/2021

**The undersigned fully understands that the District forms a contract upon acceptance of this bid.**  
The undersigned, having carefully read the Notice To Bidders as published on October 14, 2021, and October 21, 2021, and the Specifications, hereby proposes to furnish in strict conformity with said documents the following:

One or more – Description: Collins Nexbus DH500


Capacity: 25 Ambulatory

Cost (excluding sales tax) \$ 95,273.07 + Sales Tax           

Estimated Delivery Date: 240-180 Days ARO

**Note:** Pursuant to Public Contract Code Sections 20118 and 20652, the Bidding Agency may allow other Public Agencies in the State of California (including but not limited to: Kern, San Bernardino, Orange, San Diego, Riverside, Los Angeles, Monterey, Fresno, and Santa Barbara Counties) to purchase equipment and supplies under the same terms and conditions. The Bidding Agency waives its rights to require other Districts to draw their warrants in favor to this District and authorizes each District to make payment directly to the successful Bidder. The Bidding Agency agrees to waive payment of reasonable costs per Public Contract Code Section 20118. We understand the District reserves the right to reject any and all bids, and to waive any irregularity of informalities in any bids or in the bidding process.

Name of Bidder: A-Z Bus Sales, Inc.

Signed by: 

Name & Title: John Landherr / President & CEO

Address: 1900 S. Riverside Avenue

Colton, CA 92324

Phone: 951-781-1841

Fax: 951-781-9806

Email: jlandherr@a-zbus.com

# WATERFORD UNIFIED SCHOOL DISTRICT – BID #01/22

## NEW 25 PASSENGER TYPE-A1 SCHOOL BUS

SPECIFICATION	BIDDER'S RESPONSE - MUST COMPLY OR STATE DEVIATIONS IN FULL
<p>Specifications that follow are minimum basic requirements. Bidder must list any deviations from these specifications. If bidder claims item "Meets or Exceeds" specifications, documentation must be provided with bid to substantiate claim. Failure to do so will result in rejection of your bid and/or product for non-compliance.</p>	
<p><b>2021 (or newer) Type-A1 style School Bus</b>            Capable of supporting the specified 25-passenger capacity.            Body &amp; chassis are to be designed and engineered to be compatible, formed and integrated as a complete vehicle, utilizing a cutaway front section vehicle with a left-side driver's door.</p> <p>Bus manufacturer shall be ISO 9001:2015 certified.</p> <p>Bidder must be a valid franchised dealer for units bid in the state of California.</p> <p>Vehicles bid shall meet <b>All Applicable FMVSS &amp; current California</b> standards for school buses in affect at time of manufacture.</p>	<p>YEAR: 2021 (or Newer)</p> <p>CHASSIS MFG: Ford</p> <p>MODEL: E450</p> <p>BODY MFG: Collins Bus</p> <p>MODEL: DH500</p> <p>CAPACITY: 25 Ambulatory</p>
<p><b><u>VEHICLE DIMENSIONS:</u></b></p> <p>G.V.W.R. - 14,500# minimum.</p> <p>Wheelbase shall not exceed 158".</p> <p>Overall length 264" maximum.</p> <p>Overall height 111" maximum.</p> <p>Overall width 96" (excluding mirrors).</p> <p>Headroom 76.5" minimum at center aisle.</p>	<p>G.V.W.R: 14,500#</p> <p>WHEELBASE: 158"</p> <p>OA LENGTH: 264"</p> <p>OA HEIGHT: 111"</p> <p>OA WIDTH: 96"</p> <p>HEADROOM: 76.5"</p>
<p><b>CHASSIS REQUIREMENTS</b></p>	
<p><b><u>AXLES:</u></b></p> <p>Front – 5,000# GAWR            Rear – 9,600# GAWR            Rear axle ratio: 4.56</p>	<p>COMPLY</p>
<p><b><u>BRAKES:</u></b></p> <p>Power disc brakes front and rear with four wheel antilock.</p> <p>ESC – Electronic Stability Control shall be provided.</p>	<p>COMPLY</p>
<p><b><u>BUMPERS:</u></b></p> <p><b>Front</b> – As provided by chassis manufacturer.</p> <p><b>Rear</b> – Rear bumper shall be 3/16" pressed steel channel, 10" high &amp; flanged 2" top &amp; bottom. The bumper shall wrap around the back corners of the bus &amp; extend 12" forward measured from the rearmost point of the body at the floor line. The ends shall be protected &amp; flush mounted to the body sides.</p>	<p>COMPLY</p>

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<b><u>DRIVELINE:</u></b> Driveline guard around shaft front & rear.	COMPLY
<b><u>ELECTRICAL SYSTEM:</u></b> <b>Alternator</b> - 210 amp. Manufacturer supplied.  <b>Battery</b> – Dual (2) 750 CCA each maintenance-free batteries. Chassis manufacturer supplied. A battery compartment with additional storage to be provided.  <b>Electrical Compartment</b> –All body wiring & fuses to be located in an electrical compartment in the front interior bulkhead above the windshield, easily accessed through a hinged door. Wiring shall be continuously enclosed in a loom meeting SAE standards & routed for protection from heat, moisture, solvents, corrosion, road debris, abrasion & tension with grommets provided at all points where wiring penetrates metal or other materials with acute edges. Wiring harness shall be routed above windows inside easily removable molding. The wiring harness shall be color & function-coded with labels for easy identification of system functions.	COMPLY
<b><u>ENGINE:</u></b> 7.3L V-8 350hp/468 lb-ft torque Gasoline engine. Hill start Assist shall be included.	COMPLY
<b><u>FUEL TANK:</u></b> 40-gallon capacity minimum with heat shield. Exterior fuel tank opening as supplied by chassis manufacturer. A spring-loaded fuel door & fuel sending access cover shall be provided.	COMPLY
<b><u>GLASS - CHASSIS:</u></b> Windshield shall be tinted as provided by chassis manufacturer. Driver's door shall be tinted & glass shall be banded.	COMPLY
<b><u>HORN:</u></b> Dual electric note.	COMPLY
<b><u>INSTRUMENTS:</u></b> Dash instrument/gauge package as provided by chassis manufacturer, located within easy viewing of the seated driver & include trip odometer.	COMPLY
<b><u>SHOCK ABSORBERS:</u></b> Two front & two rear.	COMPLY



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<b><u>STEERING:</u></b> Full power steering. Steering wheel shall be tilt type. An air bag shall be provided for driver's side only.	COMPLY
<b><u>SUSPENSION:</u></b> Manufacturer's coil front & multi-leaf rear. Front stabilizer bar shall be provided.	COMPLY
<b><u>TIRES:</u></b> Six (6) LT245/75R 16E black side wall all season radials.	COMPLY
<b><u>TRANSMISSION:</u></b> Electronic, automatic 6 speed with overdrive. Oil cooler shall also be provided.	COMPLY
<b><u>WHEELS:</u></b> Single front & Dual rear, Six (6) 16" X 6", steel.	COMPLY
<b>BODY REQUIREMENTS</b>	
<b><u>AIR CONDITIONING:</u></b> ACT 70k dual compressor, 2 fan, CS-2 skirt mount condenser, dash & EV20 In-wall evaporator AC system shall be provided.	COMPLY
<b><u>CONSTRUCTION:</u></b> Construction shall be of a body on chassis integral design. Lateral cage members shall consist of continuous tubular roof bows members extending from the floor on one side, across the roof, to the floor on the other side. Assembly shall consist of G90 galvanized High-strength Low-allow tubular steel. All longitudinal structural members shall be continuous & extend from the forward-most roof bow to the rear-most roof bow. Roof bows shall pass through the longitudinal members at each intersection and create an interlocking structure.  Exterior roof panels shall consist of two (2) full length panels with a single longitudinal lap joint at the bus centerline. End caps shall be contoured fiberglass front and rear. Each bus shall be completely water tested for assurance of no water leakage. Exterior side skins are to be 22 gauge galvanized steel. All overlapping seams are to be caulked before assembly. Floor construction shall consist of "closed" C-section steel cross members extending the entire width of the vehicle body & located directly above attachment points where the floor structure fastens to the vehicle frame.	COMPLY

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<p>Crossmembers to be reinforced at frame attachment points. The floor structure is to be attached to the vehicle chassis frame rails through rubber mounts on both upper &amp; lower side of the upper frame rail flange. All fasteners attaching the vehicle body to the vehicle chassis frame shall be capable of being inspected &amp; accessible from outside the chassis frame rails.</p> <p>Inner lining panels are to be sectional with hemmed lateral seams &amp; shall overlap from the rear to the front of the vehicle. Structural adhesive &amp; locking Torx-head tamper resistant fasteners shall secure the interior panels around the entire perimeter.</p>	COMPLY
<p><b><u>EMERGENCY EXITS:</u></b></p> <p>Emergency door shall be located at the rear center of the bus. Door shall be outward opening with a 50"x36" clear opening &amp; shall utilize a maintenance-free 10 gauge stainless steel continuous hinge for the highest integrity at the door pivot point. A positive rear door latch shall use a slide-bar design. A rear door locking-pawl check shall provide a positive hold in the open position to prevent the door from closing during emergencies &amp; evacuation. Upper &amp; lower tint door glass, header pad, buzzer, pilot light, vandal lock shall also be included.</p>	COMPLY
<p><b><u>ENTRANCE DOOR:</u></b></p> <p>Electric operated, double leaf, outward opening entrance door, with 27" x 78" minimum clear opening. Each door panel shall have a full length clear AS-2 safety glass window, mounted in rubber to prevent water infiltration. Include header pad &amp; security lock.</p> <p>Drivers left side entrance door as provided by chassis manufacturer. A running board driver's step shall also be provided.</p>	COMPLY
<p><b><u>FLOOR COVERING:</u></b></p> <p>1/2" plywood over steel. Black rubber floor, smooth under seats &amp; 3/16" ribbed in aisle &amp; entrance steps. Steps shall have white nosing. Drivers compartment flooring to be supplied by chassis manufacturer. All floor rubber is to be bonded to the plywood with a water proof adhesive. Extruded aluminum aisle trim &amp; galvanized interior cove molding shall be provided.</p>	COMPLY



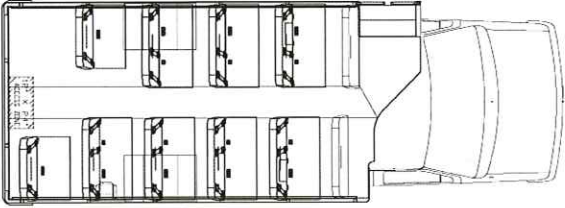
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<b><u>GLASS:</u></b> Side passenger 12" clear opening split sash with black aluminum window frames. All glass to be tempered, tinted to allow 26% light transmission. All window glass to be mounted in rubber seals to prevent water infiltration.	COMPLY
<b><u>HEATER &amp; DEFROSTER:</u></b> a. Front heater & defroster system as provided by chassis manufacturer. b. 60K BTU rear floor mount heater. c. Two shut off valves for rear auxiliary heater, under body.	COMPLY
<b><u>INSULATION:</u></b> Roof, side walls, front & rear end caps, roof bows & stringers shall be insulated with a minimum of 1.5" thick fiberglass non carcinogenic insulation compressed into 1.25" cavities. Insulation material shall be flame resistant & have a R value of 5 or more.	COMPLY
<b><u>LIGHTING:</u></b> *All lighting shall meet state & federal FMVSS requirements. a. Headlights as provided by chassis manufacturer. b. Two recessed combination stop/tail lights; 4" right & left rear stop/tail lights in combination with 7" stop/tail lights with clear red LED lens. c. Front fender mounted directional lights as supplied by chassis manufacturer. d. Rear amber LED directional lights. e. 4" recessed LED clear back-up lights. f. Clearance & identification lights, LED, wired battery hot. g. Eight lamp LED warning system with individual hoods, wired battery hot. h. Four interior LED dome lamps ceiling located, evenly spaced, wired battery hot. Two dome lights in last row shall be wired on a separate switch. i. Driver's LED dome light with separate switch. j. Two LED Stepwell lights, mounted front of stepwell, Controlled by entrance door or ignition key in "on" position. k. Required reflectors. l. Roof mount strobe light with pilot. m. Fog lights in front bumper area. n. Electric operated solid state stop arm with reflectorized blade & flashing LED lights. o. All other lighting required to meet California standards.	COMPLY

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<b><u>MIRRORS:</u></b> <b>Interior</b> – OEM 6" X 16" padded edges. A backup camera/mirror system shall be provided. <b>Exterior</b> - Mirrors shall conform to FMVSS 111 requirements to include right & left rearview mirrors & convex mirrors incorporated in one assembly. Crossover mirrors to be mounted on left and right front fenders. All exterior mirrors are to be heated.	COMPLY
<b><u>MUD FLAPS:</u></b> Behind front & rear wheels. Rear rubber fenders to be provided.	COMPLY
<b><u>PAINT &amp; LETTERING:</u></b> Exterior - Yellow. Roof - White. Rub Rails - Black. Interior - White. Wheels - Yellow. Bumpers - Black. All exterior body paint to be OEM two-part Hi-gloss acrylic urethane enamel. Lettering to California standards, supplied to vendor after award of bid to include District name, CA # & Unit #. Reflectorized vinyl marking all required emergency exits.	COMPLY
<b><u>RADIO:</u></b> AM/FM/PA radio system & minimum four (4) interior speakers.	COMPLY
<b><u>RUBRAILS:</u></b> Minimum three (3) rubrails mounted on the body seat, window & floor level, 16 ga. G90 galvanized steel, extending from behind the front cab door & to run continuously the full length of the body wrapping around the rear corners.	COMPLY
<b><u>SAFETY EQUIPMENT:</u></b> a. 24-unit first aid kit. b. Fire extinguisher. c. Triangle warning devices in container. d. Sun visor, opaque. e. CHP certificate holder. f. Back-up alarm. g. Hand held stop sign and holder. h. Accessory power socket w/cap. i. Child Check safety system – QP1 (or) Equal.	COMPLY

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<p><b><u>SEATS (Passenger):</u></b> 39" &amp; 30" LH &amp; RH Student Safety seats designed &amp; installed to meet all requirements of FMVSS 222. The LH &amp; RH front seats to have one child restraint position each. Gray vinyl Fire block upholstery to be provided. All passenger seats shall have 3pt belts as required by California law. Safety barriers required in front of RH &amp; LH front seats, upholstered to match seats. Provide aluminized modesty panel under both barriers.</p> 	COMPLY
<p><b><u>SEATS (Driver's):</u></b> Drivers high back bucket seat as provided by chassis manufacturer. Include driver's seat belt.</p>	COMPLY
<p><b><u>STEPWELL:</u></b> Stepwell to be manufactured of galvanized steel with the first step a maximum of 11" from the ground. An anti-hitch stainless steel handrail shall be provided on the left of entrance door. A second handrail to be provided on the right side of entrance to assist passengers entering the bus.</p>	COMPLY
<p><b><u>UNDERCOATING/RUST PREVENTION:</u></b> The entire underside of the body, excluding an area around the chassis exhaust system shall be undercoated. Undercoating shall meet or exceed applicable federal specifications, including TT-C-520-B and FMVSS 302.</p>	COMPLY
<p><b><u>VENTILATION:</u></b> Static non-closing vent installed in forward body section on roof.</p>	COMPLY
<p><b><u>WINDSHIELD WIPERS:</u></b> Intermittent windshield wipers as provided by chassis manufacturer.</p>	COMPLY
<p><b><u>REPAIR MANUAL:</u></b> Cut-away chassis owner's manual shall be provided.</p>	COMPLY



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<p><b><u>WARRANTY:</u></b> Enclose a copy of bus manufacturer's limited warranty statements.</p> <p><b><u>Chassis:</u></b> Manufacturer's standard shall be provided.</p> <p><b><u>Body:</u></b> Manufacturer's standard shall be provided.</p> <ol style="list-style-type: none"> <li>1. Five (5) years or 100,000 miles: <ol style="list-style-type: none"> <li>a. Body Shell (including structural metal components welded or riveted together forming the floor, side walls, roof, front, or end caps) to be free from defects in structural integrity including rust-through.</li> <li>b. School bus seat and barrier frames to be free of defects in structural integrity.</li> </ol> </li> <li>2. Two (2) years or 24,000 miles: <ol style="list-style-type: none"> <li>a. All components manufactured by the body manufacturer.</li> </ol> </li> <li>3. One (1) year or 12,000 miles: <ol style="list-style-type: none"> <li>a. All body components not covered above, except chassis parts, wheelchair lifts, air conditioners, tires, and batteries, which are warranted by their manufacturers.</li> </ol> </li> <li>4. Paint shall be warranted to the original purchaser only, that the bus body is affectively painted &amp; free from coating defects in material &amp; workmanship &amp; covered for the life of the vehicle.</li> </ol>	<p style="text-align: center;">COMPLY</p> <p style="text-align: center;">*See Attached Manufacturers Standard Warranty Statements</p>

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<b>SPECIFICATION</b>	<b>BIDDER'S RESPONSE - MUST COMPLY OR STATE DEVIATIONS IN FULL</b>
<b>ADDITIONAL AVAILABLE OPTIONS:</b>	*All options subject to compatibility
<p>1.) <u>Body Options:</u>      *Capacity subject to change</p> <p>1a.) TL308 Lo-Top SRW Transit ILO base model</p> <p>1b.) TL-400/408 Lo-Top SRW Transit ILO base model</p> <p>1c.) TH-400/408 Hi-Top SRW Transit ILO base model</p> <p>1d.) TH-500 Hi-Top Transit ILO base model</p> <p>1e.) TH-516WR WC w/wheelwells Transit ILO base model</p> <p>1f.) PH516WF-R WC Low floor (Ramp) Transit ILO base model</p> <p>1g.) SL400/408 Lo-Top SRW ILO base model</p> <p>1h.) SH400/408 Hi-Top SRW ILO base model</p> <p>1i.) DH400/416 4-Row+ ILO base model</p> <p>1j.) DH416WR 4-Row+ WC w/wheelwells ILO base model</p> <p>1k.) DH516 5-Row+ ILO base model</p> <p>1l.) DE416 Flat floor 4-Row+ ILO base model</p> <p>1m.) DE416WR Flat Floor 4-Row WC body ILO base model</p> <p>1n.) DE500/516 Flat Floor 5-Row+ ILO base model</p> <p>1o.) DE516WR Flat Floor 5-Row+ WC body ILO base model</p>	<p>Deduct \$ 2,872</p> <p>Deduct \$ 1,933</p> <p>Deduct \$ 1,461</p> <p>Add \$ 371</p> <p>Add \$ 1,845</p> <p>Add \$ 12,046</p> <p>Deduct \$ 2,178</p> <p>Deduct \$ 1,712</p> <p>Deduct \$ 472</p> <p>Add \$ 1,133</p> <p>Add \$ 540</p> <p>Add \$ 70</p> <p>Add \$ 1,437</p> <p>Add \$ 1,241</p> <p>Add \$ 3,019</p>
<p>2.) <u>Electric Engine &amp; Powertrain Package:</u></p> <p>EV Package to include fully integrated system with OEM bus provider. Batteries shall be lithium ion with nickel manganese cobalt (NMC) chemistry. Battery temperature to be maintained through an active thermal liquid cooled system, prolonging cell life. Batteries to run between the frame rails for optimal safety with manual service disconnects (MSDs) accessible &amp; labeled for first responders. Total battery capacity must equate to 100+ mile range with demonstrated efficiency rates provided.</p> <p>Battery warranty to provide 5 years. All electric related drivetrain components to be warrantied for 5 years.</p> <p>Bus shall be capable of AC level-2 charging with a SAE J-1772 connector. A variable speed noise generator to be included to warn pedestrians of the bus's approach.</p> <p>Exhaust, transmission, and other components may be modified and/or removed to satisfy the requirements of the Electric drivetrain package.</p>	<p>Add \$ 210,000</p>

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<p>3.) <u>EV – ELECTRIC OPTIONS:</u></p> <p>3a.) J1772 Portable charging adapter - Standard</p> <p>3b.) High-powered J-1772 Portable charging adapter</p> <p>3c.) CCS-1 charge port capable of standard AC level-2 charging and DC level-3 charging at a minimum of 50 kWh with bi-directional flow for vehicle-to-grid (V2G) capability</p> <p>3d.) AC system for EV model</p> <p>3e.) Heater system for EV model</p> <p>3f.) Telematics portal access to receive live telematics updates on the bus – Each 1 Year Subscription  (*A Multiple year subscription for multiple buses may also be purchased – multiply Add \$ cost by # of years required)</p> <p>3g.) Extended EV battery capacity</p> <p>3h.) <u>Software:</u>  Charge management software serviced package for EV To maintain bus charging levels and minimize cost – Each 1 Year Subscription  (*A Multiple year subscription for multiple Buses may also be purchased – multiply Add \$ cost by # of years required)</p> <p>3i.) <u>EV Charging Stations:</u></p> <p>3i1.) AC Level-2 Charging station with pedestal</p> <p>3i2.) AC Level-2 Connected charging station with pedestal</p> <p>3i3.) DC Level-3 Charging station</p> <p>3i4.) DC Level-3 Charging station capable of V2G Bi-directional flow</p> <p>3j.) Paint bumper green (or) blue</p> <p>3k.) Paint wheels green (or) blue</p>	<p>Add \$ 799</p> <p>Add \$ 999</p> <p>Add \$ 4,209</p> <p>Add \$ 8,924</p> <p>Add \$ 6,349</p> <p>Add \$3,000 First year / Hardware Included  \$ ,000 Per year / Annual License</p> <p>Add \$ 35,000</p> <p>Add \$ 4,500 First year / Hardware Included  \$3,000 Per year / Annual License</p> <p>Add \$ 4,595</p> <p>Add \$ 6,950</p> <p>Add \$ See below</p> <p>Add \$ See below</p> <p>Add \$ 786</p> <p>Add \$ 1,092</p>
<p>4.) <u>Fire suppression:</u></p>	<p>4.) Fog Maker  Add \$ 4,176</p> <p>4b.) Amerex  Add \$ 5,400</p>
<p>5.) Automatic tire chains</p>	<p>Add \$ 4,110</p>



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6.) <u>Wheels &amp; Spares:</u> 6a.) OEM standard Steel wheels ILO painted yellow (4) 6b.) Aluminum wheels (4) 6c.) Spare tire & Steel wheel 6d.) Spare tire & Aluminum wheel	Deduct \$ 156 Add \$ 2,215 Add \$ 564 Add \$ 695
7.) Tire jack & tools	Add \$ 492
8.) <u>Collision Mitigation:</u> 8a.) Passive alert system 8b.) Active alert system	Add \$ 1,980 Add \$ 5,754
9.) Battery disconnect switch	Add \$ 216
10.) <u>Heaters:</u> 10a.) Delete 60,000K BTU Floor mount 10b.) 60,000K BTU Wall mount	Deduct \$ 306 Add \$ 101
11.) <u>Mirrors:</u> 11a.) Heated & Remote mirrors 11b.) Delete heated only mirrors	Add \$ 485 Deduct \$ 151
12.) <u>Camera &amp; Specialty Systems:</u> 12a.) Standard 3 head camera system, installed 12b.) Additional camera head - Each 12c.) Delete backup camera/mirror system 12d.) EP2 Child check safety system (or) equal (Standard system - Programming not included) 12e.) Zonar, Standard system installed 12f.) Z-Pass & Tablet for Zonar system 12g.) WiFi router & antenna 12h.) 12v USB power ports for each passenger 12i.) 360 Degree camera system, installed	Add \$ 3,322 Add \$ 571 Deduct \$ 299 Add \$ 635 Add \$ 1,872 Add \$ 1,134 Add \$ 1,446 Add \$ 1,594 Add \$ 3,820
13.) Delete LED 8-way warning lights & Stop arm (Incandescent/Halogen provided)	Deduct \$ 747
14.) Remove Strobe light w/pilot	Deduct \$ 128
15.) Remove Fog lights	Deduct \$ 332
16.) Remove PA from radio	Deduct \$ 82

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17.) 6" driver's auxiliary fan		Add \$ 70
18.) Lo-profile roof vent/emergency hatch		Add \$ 461
19.) Acoustic headlining - full length		Add \$ 287
20.) <u>Floor:</u>	20a.) 5/8" treated plywood	Add \$ 123
	20b.) Dark Gray rubber flooring	Add \$ 246
21.) Manual operated entrance door control		Deduct \$ 621
22.) Storage equipment cage – LH rear interior tube cage (Some models)		Add \$ 432
23.) <u>3pt Floor Mount Seats:</u>    *Capacity subject to change	23a.) 45" (LH only)	Add Each \$ 864
	23b.) 39"	Add/Deduct Each \$ 667
	23c.) 36"	Add Each \$ 654
	23d.) 30"	Add Each \$ 640
	23e.) 26"	Add Each \$ 659
24.) <u>3pt seats with "Child Restraint" positions:</u>   *Capacity subject to change	21a.) 39"	Add/Deduct Each \$ 840
	21b.) 36"	Add Each \$ 1,121
	21c.) 30"	Add Each \$ 998
	21d.) 26"	Add Each \$ 1,016
25.) Upholstery Blue or Brown in lieu of standard Gray		Add \$ N/C
26.) <u>School Activity Bus:</u> *Capacity subject to change		.
26a.) School Activity seats w/fabric upholstery & 3pt belts		Add Each \$ 986
26b.) Add row of dome lights down center aisle ceiling		Add \$ 443
26c.) Front & Rear flip visors & flip signs		Add \$ 1,218
26d.) Delete 8way warning lights & stop arm, paint exterior white for MFSAB Multi-Function School Activity Bus (All other school bus requirements to be included)		Deduct \$ 785

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**NEW 25 PASSENGER TYPE-A1 SCHOOL BUS**

<b>SPECIFICATION</b>	<b>BIDDER'S RESPONSE - MUST COMPLY OR STATE DEVIATIONS IN FULL</b>
<b>27.) <u>Special Needs Equipment:</u></b> *Capacity subject to change 27a.) Ricon wheelchair lift & door 27b.) Braun wheelchair lift & door 27c.) L-Track wheelchair position 27d.) Left side L-Track, full length 27e.) Right side L-Track, full length 27f.) Q-Straint QRT retractable W/C tiedowns 27g.) Surelok retractable W/C tiedowns (*WC tiedown sets Include Lap & Shoulder belts)	Add \$ 7,887 Add \$ 6,954 Add Each \$ 1,050 Add \$ 1,098 Add \$ 1,098 Add Each set \$ 657 Add Each set \$ 657
<b>28.) <u>Air Conditioning:</u></b> 1a.) In-wall Freeblow Tie-in & OEM front 1b.) Delete AC system provided on bid 1c.) OEM dash AC only	Add \$ 3,228 Deduct \$ 3,625 Add \$ 498
<b>29.) HEPA Air purifying filtration system</b>	Add \$ 3,403
<b>30.) <u>Chassis Options –GM:</u></b> *Capacity subject to change 30a.) GM 9,900# SRW 4.3L Gas ILO base bid 30b.) GM 10,100# SRW 6.6L Gas ILO base bid 30c.) GM 12,300# DRW 6.6L Gas ILO base bid 30d.) GM 14,200# DRW 6.6L Gas ILO base bid	Deduct \$ 6,984 Deduct \$ 5,363 Deduct \$ 5,137 Deduct \$ 4,205
<b>31.) <u>Chassis Options – Transit:</u></b> *Capacity subject to change 31a.) Ford 9,070# SRW 3.5L Gas ILO base bid 31b.) Ford 9,500# SRW 3.5L Gas ILO base bid 31c.) Ford 10,360# DRW 3.5L Gas ILO base bid	Deduct \$ 5,256 Deduct \$ 4,212 Deduct \$ 1,427
<b>32.) <u>Chassis Options – Ford:</u></b> *Capacity subject to change 32a.) Ford 10,050# SRW 7.3L Gas ILO base bid 32b.) Ford 11,500# DRW 7.3L Gas ILO base bid 32c.) Ford 12,500# DRW 7.3L Gas ILO base bid 32d.) Ford 14,000# DRW 7.3L Gas ILO base bid	Deduct \$ 2,239 Deduct \$ 2,055 Deduct \$ 1,772 Deduct \$ 277
<b>33.) <u>Chassis Options – Dodge:</u></b> *Capacity subject to change 33a.) Dodge Ram 9,350# SRW 3.6L Gas ILO base bid	Deduct \$ 5,927



**WATERFORD UNIFIED SCHOOL DISTRICT – BID #01/22**  
**NEW 25 PASSENGER TYPE-A1 SCHOOL BUS**

<b>SPECIFICATION</b>	<b>BIDDER'S RESPONSE - MUST COMPLY OR STATE DEVIATIONS IN FULL</b>
34. <u>Limited Qty pool chassis (Subject to availability):</u> 34a.) GM 14,200# DRW 6.0L Gas ILO base bid	Deduct \$ N/A
35.) Manual package	Add \$ 570
36.) Lap top for diagnostics	Add \$ 1,800
37.) <u>Factory warranty:</u> 37a.) 3 year limited Body parts & labor warranty 37b.) Extended EV model warranty	Add \$ 2,850 Add \$ 15,000
38.) <u>Tech Training Class:</u>  38a.) 4 hour class 38b.) 8 hour class  *Multiple day classes may also be purchased – multiply Add \$ cost by # of days required)	Add \$ 800 Add \$ 1,200



1900 S. Riverside Ave.  
Colton CA 92324  
(800) 437-5522  
<https://a-zbus.com>



Brandon Bluhm  
bbluhm@a-zbus.com  
(909) 709-7004

Quote #21923  
November 2, 2021

## 2023 Collins DH500 Ford

Customer:	Waterford Unified School District	Attn:
Mailing Address:	219 N. Reinway Avenue Bldg. 2 Waterford, CA 95386	Phone:
		Email:

Quantity:	1	Wheelbase:	158"
GVWR:	14,500#	Transmission:	6 Speed Auto w/OD
Engine:	7.3L Ford Gas	Suspension:	Spring/Spring
Fuel Type:	Gas	Brakes:	Hyd
Fuel Port:	Standard	Upholstery:	Gray
Capacity:	25 Amb 2 CRS	WC Lift:	N/A
AC:	ACT 70L Ford EV20/Skrt		

### Body Content

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Seat, 39", 3-PT, RH, W/1 ICS, 3 -PAX</li> <li>• Seat, 39", 3-PT, LH, W/1 ICS, 3 -PAX</li> <li>• AC 70K ACT FORD 7.3G EV20/SKRT</li> <li>• DOOR ENTRANCE SH/DH 24" TEMP</li> <li>• DOOR ENTRANCE CONTROL ELECTRIC</li> <li>• DOOR REAR EGRESS ALUM RH HINGE</li> <li>• DOOR REAR HINGE 1PC STAINLESS</li> <li>• DOOR REAR LATCH 1PT</li> <li>• ELEC FRAMEWORK FORD SCHOOL BUS</li> <li>• DOOR REAR RED PILOT ON DASH</li> <li>• BACK-UP ALARM</li> <li>• CHECKMATE EP1+ S/DOME ETF-CA</li> <li>• BACKUP CAMERA W/ MR 6X30</li> </ul> | <ul style="list-style-type: none"> <li>• EXT STOR/BATT BOX DH 500/516</li> <li>• MUD FLAPS REAR DH</li> <li>• DRIVER ENTRANCE STEP FORD BLK</li> <li>• FLOOR COVER BLK DRW CENTER 500</li> <li>• STEP TREAD DH/E RIB BACKED BLK</li> <li>• FLOOR SUBFLOOR DH/E500 1/2 PLY</li> <li>• AISLE TRIM ADDITION ALUMINUM</li> <li>• HEATER 60K FLR MOUNT FORD GAS</li> <li>• INT PANELS REAR DH/DE AC</li> <li>• STOP/TAI/TURN 4IN FLUSH LED</li> <li>• STOP/TAI 7IN RED LED</li> <li>• CLEARANCE LIGHTS LED</li> <li>• LIGHTS DOME BODY BAT+SWITCH</li> <li>• LIGHTS DOME DRIVER BAT+SWITCH</li> <li>• TURN SIGNAL REAR 7IN AMBER LED</li> </ul> |
|--|--|

- LIGHTS REVERSE 4IN FLUSH LED
- LIGHTS STEPWELL HEADLTS+DOOR
- STROBE HI-PROF IGN 4' FROM RR
- WARNING LAMPS 8LT LED SURF MNT
- WARN SYS 8LT SEQ OVRD CNCL BAT
- VISORS 8LT
- MIRROR EXT FD DRW MAN HT BL
- PADDING PKG DH GRY FB
- PAINT BODY EXT FORD DH/DE YELL
- PAINT WHEELS YELLOW OUTER ONLY
- RADIO/PA AM/FM/BT 4SPK FORD
- RUBRAIL FLR LVL DH/DE500 BLK
- RUBRAIL SEAT LVL DH/DE500 BLK
- RUB WNDW LEVEL DH/DE500 BLK
- RUBRAIL NONE AT SKIRT LEVEL
- BARRIER LH 39D GRAY FB
- BARRIER SPACING LH 3PAX FMVSS
- BARRIER RH 39D GRAY FB
- BARRIER SPACING RH NONE
- SEAT LH 39D 3P FLEX GRAY FB
- SEAT LH 36D 3PT GRAY FB
- SEAT SPACING LH 25IN HIP/KNEE
- SEAT RH 39D 3PT FLEX GRAY FB
- SEAT SPACING RH 28IN HIP/KNEE
- INSTALL SEAT TO FLOOR BOLT/NUT
- KICKPANEL 39" DRW HSM LH BARRI
- SIGN 6IN STOP WHEN RED CA
- SIGN ENDCAP "SCHOOL BUS" DECAL
- SIGNAGE ID COLLINS
- WARN LABEL CALIF PROP65 EMISS
- INFO LABEL CA "EMPTY WT.:"
- EMERG EXIT INT & EXT CA
- STOP ARM REAR LED "STOP" 7000
- STATIC ROOF VENT W/CONTROL
- WINDOW TRANSITION FORD TEMP
- WNDWS REAR BODY DH/DE TEMP AS3
- WNDW REAR DOOR LOWER TEMP AS3
- WNDW REAR DOOR UPPER TEMP AS3
- WINDOW SASH H/E TEMP TINT
- UNDERCOATING FULL UNDERBODY
- VANDAL LCK RR DOOR CHV E-S

#### Chassis Content

- BATTERY W/BOX 1 BATT FORD GAS
- FU/22/D158/7.3P/14500/Y/ACTC
- BUMPER 10" GALV EXH UNDER/SD
- BRACE BUMPER DE/H 400/416/500
- CHAS FUEL PREP F GAS DH/DE
- CHASSIS MODEL PREP FORD L/H500
- FUEL SENDING UNIT ACCESS COVER
- EXHAUST FORD LH GAS
- EXT PANELS REAR DH STL W/DOOR
- EXT PANELS ROOF DRW 500 ALUM
- EXT PANELS SIDE DH 500 STEEL
- SKIRT DH 500 STEEL W/CONDENSOR
- INT PANELS LOWER EMBOSS H500
- INT PNLS UPPR DRW 500 SMTH ALM
- GRABRAIL LH ENTR 42IN BARR MNT
- GRABRAIL RH ENTR 30IN
- PERMIT HOLDER 6X9 METAL
- ROOF AND WALL BOW INSULATION
- BATTERY ADD FORD GAS

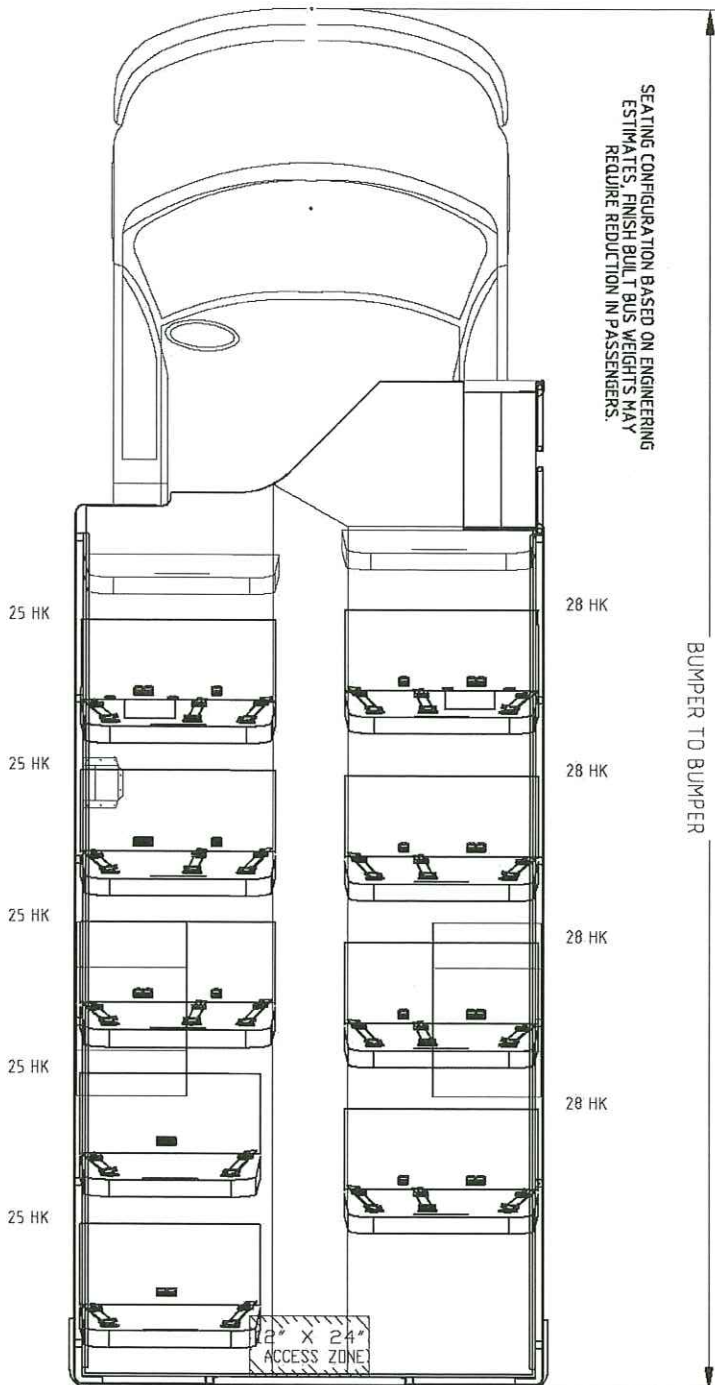
#### Dealer Added Content

- Lettering
- Hand held stop sign & holder
- FE/FAK/Decals - CA specs
- EP1 Child check safety system - CA spec
- Electric air drain valves w/controls in drivers compt
- Fog lights in front bumper area



SEATING CONFIGURATION BASED ON ENGINEERING  
ESTIMATES. FINISH BUILT BUS WEIGHTS MAY  
REQUIRE REDUCTION IN PASSENGERS.

BUMPER TO BUMPER



## DH500

### COLLINS BUS SEATING PLAN

#### 25 Passengers

#### 5 LH Seats

1 39 inch 3 POINT FLEX ICS LH Seats

2 39 inch 3 POINT FLEX LH Seats

2 36 inch 3 POINT LH Seats

#### 4 RH Seats

1 39 inch 3 POINT FLEX ICS RH Seats

3 39 inch 3 POINT FLEX RH Seats

### 1/2" PLYWOOD SUBFLOOR TEMPLATE DRAWING #442660-5

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



COLLINS BUS CORP.  
P.O. BOX 2946  
HUTCHINSON, KS.  
67504-2946

FORM: F-7.3.06 REVISION 0

THIS DRAWING AND ALL  
INFORMATION THEREON  
IS THE PROPERTY OF  
REV GROUP

DRAWN  
BY

RM

DATE

01/07/21

TITLE

DH500 SCHOOL BUS

DRAWING  
NO.

DH500C 39R339X 39R739X36T